

STATE OF CALIFORNIA

CALIFORNIA INTEGRATED WASTE MANAGEMENT BOARD

Base Year Modification Request Certification

Part 1: Generation Study - No Extrapolation Diversion Data

To request a substitution for a previously approved base-year used in calculating the diversion rate for your jurisdiction, please complete and sign this form and return it to your Office of Local Assistance (OLA) representative at the address below, along with any additional information requested by OLA staff. When all documentation has been received, your OLA representative will work with you to prepare for your appearance before the Board. If you have any questions about this process, please call (916) 341-6199 to be connected to your OLA representative.

Mail completed documents to:

California Integrated Waste Management Board
Office of Local Assistance
1001 I Street, 9th Floor
PO Box 4025
Sacramento, CA 95812-4025

General Instructions:

Please select the **ONE** choice below that best explains your request to the Board.

☐ 1. Use a recent generation-based study to calculate our current reporting-year generation amount, but not officially change our existing Board-approved base year.


☒ 2. Use a recent generation-based study to officially change our existing Board-approved base year to a new base year.

The cells on these sheets are protected except for the ones that need information. If you have problems using these sheets, please contact your Office of Local Assistance representative.

Section I: Jurisdiction Information and Certification

All respondents must complete this section.

I certify under penalty of perjury that the information in this document is true and correct to the best of my knowledge, and that I am authorized to make this certification on behalf of:

Jurisdiction Name		County	
City of Gonzales		Monterey	
Authorized Signature		Title	
		City Manager	
Type/Print Name of Person Signing		Date	Phone ()
Henry G. Hesling, Sr.		6/7/2001	(831) 675-5000
Person Completing This Form (please print or type)		Title	
John Hanscom		Planner	
Affiliation: Brown, Vence & Associates			
Mailing Address		City	State
P.O. Box 647		Gonzales	CA
			ZIP Code
			93926
E-mail address citymanager@gonzales-ca.com			

Section II: Information for New Generation-Based Study for Existing or New Base Year

Attach additional sheets if necessary— reference each response to the appropriate cell number (e.g., 4).

Note: New base years must be representative of a jurisdiction's disposal and diversion.

1. Current Board-approved base-year:	2. Proposed new generation-based study year:
1990	1999

3. Explain how the proposed generation study year is representative of average annual jurisdiction disposal and diversion:
Business diversion was not adequately represented in the original base year. It was later discovered that the business sector diverts the majority of waste materials.

4. Enter your diversion rates below.

Diversion rate calculated using existing base year	a. -137 %	Diversion rate calculated using new generation-based study	b. 76.3 %
For existing base year pounds/person/day based on generation	1.94	For new generation based study pounds/person/day based on generation	19.33
Residential generation 30.45 %	Non-Residential Generation 69.55 %	Residential generation 11% %	Non-Residential generation 89% %
Population existing generation-based study 6,800		Population new generation-based study 6,800	

5. If there is an increase between 4a and 4b, please explain how the new diversion rate is consistent with your current diversion implementation efforts. If the proposed new generation tonnage results in an increase in your pounds/person/day, please explain how this is consistent with your current diversion implementation efforts and provide any examples, e.g. change in jurisdiction's demographics.
Business diversion was not adequately represented in the original base year.

6. If the difference between the proposed diversion rates in 4a and 4b is greater than 5 percentage points, please explain the specific reasons for the difference. (For example: new/improved curbside diversion programs.)
Previous data errors- same as #5. Business sector underrepresented in original base year study.

7. Disposal Tonnage: (enter values)

1657	4032	5689
Residential	Non-Residential	Total

Please select the **ONE** choice below that best explains your **disposal** data and complete the required tables.

☒ a. All tons claimed are from the Board's Disposal Reporting System (No explanation required. Go to Section 8.)

☐ b. All tons claimed are from a 100 percent audit of hauler and self-haul tonnage. (Please complete Reporting Year Tonnage Request and Modification Certification sheet found at <http://www.ciwmmb.ca.gov/igcentral/forms/rytmndq.doc>)

☐ c. Some Disposal Reporting System data were corrected. (Please complete Reporting Year Tonnage Modification Request and Certification sheet found at <http://www.ciwmmb.ca.gov/igcentral/forms/rytmndq.doc>)

8. In the table below, list the summarized diversion activities, and diversion data records that support your claim and are available for Board audit. (Note: The Board expects the jurisdictions to be able to provide all back-up documentation, if requested) Include type of record and location—for example, weight tickets from transfer stations. This section should capture all diversion tonnage (form will perform all addition calculations). If any diversion is from restricted wastes, agricultural wastes, inert solids (e.g., concrete, asphalt, dirt, etc.), white goods, and scrap metal please identify those programs/waste types and fill out section 10. Please mark as Attachment 8 all copies of survey forms.

* Please provide detailed non-Residential waste audit information in Section 9

Division Activity	Actual Tons	Relative Percent to Total Generation	Specific material type(s) List operation w/multiple materials in one box	Specific conversion factor used (if any) and Source	Type of record and location of record
Please use the Board's program types. The program type glossary is online at: http://www.ciwmmb.ca.gov/igcentral/parts/codes/reduce.htm	(A)	(A/Total Generation)			

Residential Activities:

Source Reduction

Backyard composting		0.0%			
Grasscycling					

Other Residential source reduction (list each program separately)

garage sales	102	0.4%	reusables	.35 tons/unit	city permit/City Hall
Diaper Service	19	0.1%	Diapers	48 lb/ ea.	phone survey/On file with City/Consultant
Enter program name		0.0%			
Enter program name		0.0%			
Subtotal Residential Source Reduction	121	0.5%			

Recycling

Curb-side Recycling	319	1.3%	paper, commingled containers	N/A	franchised hauler report/ On file with City/Consultant
Buyback centers	158	0.7%	aluminum, glass & plastics	N/A	DOC/On file with City/Consultant
Drop-off centers					

Diversion Activity	Actual tons	Relative Percent to Total Generation (A)	Specific material type(s) (List operation w/multiple materials in one box)	Specific conversion factor used (if any) and Source	Type of record and location of record
Please use the Board's program types. The program type glossary is online at http://www.ciwmh.ca.gov/gccentral/pans/codes/reduce.htm					
Other Residential recycling (list each program separately)					
Enter program name					
Enter program name					
Enter program name					
Subtotal Residential Recycling	476	2.0%			
Composting					
Green waste drop-off					franchise hauler report/ On file with City/Consultant
Curbside green waste	271	1.1%	yard waste	N/A	
Christmas Tree program					
Other Residential composting (list each program separately)					
Enter program name					
Enter program name					
Enter program name					
Enter program name					
Subtotal Residential Composting	271	1.1%			
Subtotal Residential Diversion	867	3.6%			
Non-Residential Activities:					
Source Reduction					
Non-Residential Waste Audits	1828	7.6%		See Section 9	
Other non-Residential source reduction (list each program separately)					
Public Works					
School District Program	157	0.7%	grasscycling	N/A	written surveys/On file with City/Consultant
City Public Works	26	0.1%	wood reuse	N/A	written surveys/On file with City/Consultant
Materials Handlers	104	0.4%	Wood Mulch	N/A	written surveys/On file with City/Consultant
Enter program name	56	0.2%	Pallets, tires	N/A	written surveys/On file with City/Consultant

Diversion Activity	Actual tons	Relative Percent to Total Generation	Specific material type(s) (List operation w/multiple materials in one box)	Specific conversion factor used (if any) and Source	Type of record and location of record
Please use the Board's program types. The program type glossary is online at: http://www.cwmb.ca.gov/igcentral/bans/codes/reduce.htm	(A)	(A/Total Generation)			
Subtotal Non-Residential Source Reduction	2171	9.1%			

Diversion Activity	Actual tons	Relative Percent to Total Generation	Specific material types (List operation w/multiple materials in one box)	Specific conversion factor used (if any) and Source	Type of record and location of record
Please use the Board's program types. The program type glossary is online at http://www.ciwmh.ca.gov/ncenital/parts/codes/reduce.htm	(a)	(A/Total Generation)			

Recycling

Non-Residential Waste Audits	12868	53.7%		See Section 9	
------------------------------	-------	-------	--	---------------	--

Other non-Residential recycling (list each program separately)

City Program					
Franchise hauler	110	0.5%	paper, tires, concrete, asphalt and appliances	N/A	Written surveys/On file with City/Consultant
Materials handler	181	0.8%	cardboard	N/A	franchise hauler report/On file with City/Consultant
	627	2.6%	meat scrap, paper, wood, mulch, grass, pallets	500 lb /cu yd., 280 lb /cu yd., actual weight, 8lb /33gal., 20lb each	phone surveys/On file with City/Consultant

Enter program name					
Enter program name					
Subtotal Non-Residential Recycling	13786	57.5%			

Composting

Non-Residential Waste Audits	1300	5.4%		See Section 9	
------------------------------	------	------	--	---------------	--

Other non-Residential composting (list each program separately)

Enter program name					
Enter program name					
Enter program name					
Enter program name					
Enter program name					

Subtotal Non-Residential Composting	1300	5.4%			
--	-------------	-------------	--	--	--

Subtotal Non-Residential Diversion	17267	72.0%			
---	--------------	--------------	--	--	--

Residential/Non-Residential Diversion Activities					
---	--	--	--	--	--

ADC					
Sludge					
Scrap metal					
Construction and demolition					
Landfill salvage	156	0.6%	on site diversion	N/A	landfill records/Monterey County

Subtotal Residential/Non-Residential diversion	156	0.6%			
---	------------	-------------	--	--	--

Diversion Activity	Actual tons	Relative Percent to Total Generation	Specific material type(s) (List operation with multiple materials in one box)	Specific conversion factor used (if any) and Source	Type of record and location of record
Please use the Board's program types. The program type glossary is online at: http://www.ciwmmb.ca.gov/lqcentral/parts/codes/reduce.htm	(A)	(A/Total Generation)			
Total Diversion Tons	18280	76.3%			
Total Disposal Tons from Sec. 7	5689	23.7%			
Total Generation Tons (Div+Dis)	23969				

9. Specific Non-Residential Sector Waste Audits-Top 10 Non-Residential Generators

Please complete this table for the top 10 non-residential generators that were surveyed. List each non-residential generator separately from largest to smallest, based on total diversion tons. Audit reference number ties to your audit sheets.

(Form will perform all addition calculations).

Please provide an attachment 9 which includes all of the generators surveyed. Include for each generator (use type of generator in lieu of specific business name) diversion activity and material type and associated tonnage for each diversion activity/material type. Include copies of survey form(s) used.

Type of Non-Residential Generator	Audit Reference Number	Specific/Major Diversion Activities (e.g. paper recycling, grasscycling) (List activities on one line)	Source Reduction Tons	Recycling Tons	Composting Tons	Total Diversion Tons	Percent of Total Diversion (Total Tons/Total Generation in Section 8)	Survey Method (Mail (M) On-site (O) Other ___)
#1 WINERY	SVG02/23A	Recycling of glass, OCC, film plastic, produce, grasscycling, and pallet reuse		4065		5524.4	23.0%	
#2 PACKING PLANT	SVG02/23	OCC & Paper recycling, Damaged produce for animal feed	1460	5215		5215	21.8%	
#3 PACKING PLANT	SVG03/15A & MNGO071	Pallet reuse, OCC & office paper recycling, double sided copying, and damaged produce for animal feed				3518.29	14.7%	
#4 SUPERMARKET	SVG02/23B	OCC backhaul recycling/ boxes, pallets, plastic bags, chips, bread, cookies, tortillas, re turns/food donation	152	67		219.2	0.9%	
#5 SEED PROCESSOR	MNGO16 & SVG003/15B	reuse of pallets and seeds	100			100	0.4%	
#7 PACKING PLANT	MNGO7	Reuse of pallets	60			60	0.3%	
#8 MARKET	MNGO6	Reuse of pallets and packing crates	24			23.66	0.1%	
#9 RETAIL STORE	MNGO13	OCC recycling and Pallet reuse	2			2.4	0.0%	
#10 ELECTRICAL APPLIANCES	MNGO0105	Pallet reuse	2	1		3.44	0.0%	
#10 ELECTRICAL APPLIANCES	MNGO0105	Pallet reuse	2			2.4	0.0%	
Totals			1802.36	12866.43		14668.79	61.2%	

Summarize the non-residential diversion activities quantification methodology and applicable conversion factors.

Business 1) This business recycled 126 bales/month OCC assuming 800 lbs/bale, for a total of 604.8 tons in 1999. 60 cubic yards of glass are picked up and recycled every two weeks. Assuming 2160 lbs/cu yd, 1684.8 tons/year are recycled. 108 bales/month of film plastic (1,100 lbs/bale) are sent out for recycling each month for a total of 712.8 tons of diversion. An estimated 25,000 heavy duty pallets (75 lbs/pallet) were backhauled for reuse for a total of 937.5 tons of source reduction. The business grasscycled 60 acres on its property. Assuming 8.7 tons/acre/year, 522 tons were diverted. 85 trucks with a 25,000 lb capacity each hauled a total of 1062.5 tons of grape pumice for recycling. These exceptional efforts resulted in 5524.4 Range of diversion for the business in 1999.

Business 3) The business manager hauled used cardboard, cans and paper to a buyback center outside the city and recycled 1 ton. .13 ton was source reduced by the practice of double sided copying. 3517.29 tons of produce waste were donated to dairy farmers for feed. This figure was taken from company trucking logs. These activities resulted in 3522.42 tons of diversion in the proposed base year.

Business 5) Seed Processor reuses one-way pallets received from vendors (40 lbs./ea.) for a total of 20 tons/year of pallet diversion. The business also diverts 100 tons per year of expired seeds (actual weight) from disposal by giving the seeds to farmers who plant the seeds on fallow feeds and plow under the plants for use as soil amendment. 1300 lbs of seed are directed to composting.

Business 8) The business backhauled 20.8 tons of pallets and reused 2.86 tons of packing crates that are designed to be "one-way" in the proposed new base year.

Business 10) The business has backhauled and reused an average of 10 pallets per month that could otherwise have been disposed. The conversion of 40 lbs/ pallet was used. Pallets in the system were counted once. tons of diversion were calculated in the proposed new base year.

10. For each restricted waste type [i.e., agricultural waste, inert solids, (e.g. concrete, asphalt, dirt, etc.) scrap metals and white goods (PRC Section 41781.2)] and associated program, please provide the following

a. If the diversion program started on or after January 1, 1990, complete the following table.

(Note: program name refers to one specific diversion program for that waste type; (e.g., diversion conducted by City Public Waste Dept).

Restricted Waste Type	Specific Program name	Year started	Tonnage
Inert Solids	▼ City Public Works Department	1997	62
White Goods	▼ Special Collection Events	1997	37
Pull Down for Waste Types	▼		
Pull Down for Waste Types	▼		
Pull Down for Waste Types	▼		
Pull Down for Waste Types	▼		

b. If the diversion program started before January 1, 1990, on a separate sheet, marked attachment 10b, provide the following documentation: (Note: If documentation for a waste type and program has already been approved by the Board, you do not have to provide an attachment 10b for that waste type and program.

Instead please provide date of Board approval of previously submitted information. _____ (Date)

If documentation is not available, go to 10d.

▪ How the diversion was the result of a local action taken by the jurisdiction, which specifically resulted in the diversion [PRC Sec. 41781.2 (c) (1)].

▪ That the amount of that waste type diverted from the jurisdiction in 1990 was less than or equal to the amount of that waste type disposed at a permitted disposal facility by the jurisdiction in any year before 1990.

(Note: this criterion is applicable to the entire jurisdiction, not to individual programs

[PRC Sec. 41781.2 (c) (2)]).

▪ The jurisdiction is implementing, and will continue to implement, the diversion programs in its Source Reduction and Recycling Element.

c. If the diversion program started before January 1, 1990, and the documentation requested in 10b is available (but not yet approved by the Board), complete the table below for each program claimed:

Restricted Waste Type	Specific Program Name	New base year or reporting year diversion tonnage
Pull Down for Waste Types ▼		
Pull Down for Waste Types ▼		
Pull Down for Waste Types ▼		
Pull Down for Waste Types ▼		
Pull Down for Waste Types ▼		

d. If the diversion program started before January 1, 1990, and the documentation requested in 10b is not available, please complete the table below for each program claimed. (**Note** : Only the difference between the new base year/reporting year and 1990 can be counted in the diversion rate calculation.)

Restricted Waste Type	Specific Program name	New base year or reporting year tonnage	1990 diversion tonnage	Difference
Pull Down for Waste Types ▼				
Pull Down for Waste Types ▼				
Pull Down for Waste Types ▼				
Pull Down for Waste Types ▼				
Pull Down for Waste Types ▼				
Pull Down for Waste Types ▼				

